

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	4	distributed adj debug\$4 and program adj manager and object and status <i>Rev all</i>	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/05/27 10:44
L2	69	((simultaneous\$3) near3 (updat\$4) same (software or code)) and ("717"/\$.ccls. or "709"/\$.ccls.)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/05/27 10:44
L3	3	(simultaneous\$3 or synchroniz\$6) near3 (update) same (software or code) same test\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/05/27 10:44
L4	5	distributed adj debug\$6.ti. and status same (computer\$2 or host\$2 or program\$2)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/05/27 10:44
L5	9	distributed adj debug\$6.ti.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/05/27 10:45
L6	2	executor and distributed near2 debug\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/05/27 10:45


[Subscribe \(Full Service\)](#) [Register \(Limited Service, Free\)](#) [Login](#)

 Search: ☒ The ACM Digital Library ☐ The Guide

distributed debugger simultaneous

THE ACM DIGITAL LIBRARY


[Feedback](#) [Report a problem](#) [Satisfaction survey](#)
Terms used **distributed debugger simultaneous**

Found 5,592 of 155,867

Sort results by

relevance

[Save results to a Binder](#)[Try an Advanced Search](#)[Try this search in The ACM Guide](#)[Search Tips](#)

Display results

expanded form

☐ Open results in a new window

Results 1 - 20 of 200

Result page: [1](#) [2](#) [3](#) [4](#) [5](#) [6](#) [7](#) [8](#) [9](#) [10](#) [next](#)

Best 200 shown

Relevance scale ☐ ☐ ☐ ☐ ☐**1 [Session 24: software tools: A portable debugger for parallel and distributed programs](#)**

Doreen Cheng, Robert Hood

November 1994 **Proceedings of the 1994 ACM/IEEE conference on Supercomputing**Full text available: [pdf\(996.90 KB\)](#)Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#)

We describe the design and implementation of a portable debugger for parallel and distributed programs. The design incorporates a client-server model in order to isolate non-portable debugger code from the user interface. The precise definition of a protocol for client-server interaction facilitates a high degree of client portability. Replication of server components permits the implementation of a debugger for distributed computations. Portability across message passing implementations is achieved ...

2 [Experiences with building distributed debuggers](#)

Michael S. Meier, Kevan L. Miller, Donald P. Pazel, Josyula R. Rao, James R. Russell

January 1996 **Proceedings of the SIGMETRICS symposium on Parallel and distributed tools**Full text available: [pdf\(1.34 MB\)](#)Additional Information: [full citation](#), [references](#), [index terms](#)**3 [A distributed debugger for Amoeba](#)**

I. J. P. Elshoff

November 1988 **ACM SIGPLAN Notices , Proceedings of the 1988 ACM SIGPLAN and SIGOPS workshop on Parallel and distributed debugging, Volume 24 Issue 1**Full text available: [pdf\(1.15 MB\)](#)Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#), [review](#)

We describe a debugger that is being developed for distributed programs in Amoeba. A major goal in our work is to make the debugger independent of the Amoeba kernel. Our design integrates many facilities found in other debuggers, such as execution replay, breakpointing, and an event-based view of the execution of the target program. This paper discusses the influence of Amoeba's architecture on the attainability of our goals and the desired functionality of the debugger. We also consider su ...

4 [The p2d2 project: building a portable distributed debugger](#)

Robert Hood

January 1996 **Proceedings of the SIGMETRICS symposium on Parallel and distributed tools**Full text available: [pdf\(1.56 MB\)](#)Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)**5 [A paradigm for distributed debugging](#)**

Nancy J. Wahl, Stephen R. Schach

April 1992 **Proceedings of the 1992 ACM annual conference on Communications**Full text available: [pdf\(813.47 KB\)](#)Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

Three critical problems associated with distributed debugging are controlling the debugging

process in the absence of a global clock; maintaining transparency so that the debugger does not change the order or timing of events, and reproducing an execution sequence to be able to verify that a fault has been corrected. A paradigm is put forward that successfully addresses these three problems. To demonstrate the feasibility of this paradigm, an instantiation has been constructed. A descriptio ...

6 A bibliography of parallel debuggers, 1990 edition

Cherri M. Pancake, Sue Utter

January 1991 **ACM SIGPLAN Notices**, Volume 26 Issue 1

Full text available:  pdf(1.55 MB)

Additional Information: [full citation](#), [citations](#), [index terms](#)

7 Models for visualization in parallel debuggers

C. M. Pancake, S. Utter

August 1989 **Proceedings of the 1989 ACM/IEEE conference on Supercomputing**

Full text available:  pdf(1.68 MB)


Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

The complexity of parallel programming has stimulated the development of a variety of debugging tools. This survey of recent research focuses on debugger visualization systems. The effectiveness of such systems is bounded by the degree to which their representations of run-time behavior correlate with the language structures used to incorporate parallelism, as well as the logical framework adopted by the programmer. Current visualization systems are compared with the conceptual models suppo ...

8 CORDS: A prototype debugger for Hermes

David Taylor

November 1992 **Proceedings of the 1992 conference of the Centre for Advanced Studies on Collaborative research - Volume 2**

Full text available:  pdf(1.10 MB)

Additional Information: [full citation](#), [abstract](#), [references](#)

Hemes programs consist of many processes interacting with each other through primitive operations defined as part of the language. Understanding the behaviour of a Hermes program, in order to debug it, requires understanding the interactions between processes. Other aspects of debugging are little different from debugging in a conventional, sequential-programming environment. A debugger prototype has been constructed that provides a display of interprocess interactions in Hermes. This paper desc ...

9 Session 1.1: A prototype debugger for Hermes

David Taylor

November 1992 **Proceedings of the 1992 conference of the Centre for Advanced Studies on Collaborative research - Volume 1**

Full text available:  pdf(3.16 MB)


Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#)

Hermes programs consist of many processes interacting with each other through primitive operations defined as part of the language. Understanding the behaviour of a Hermes program, in order to debug it, requires understanding the interactions between processes. Other aspects of debugging are little different from debugging in a conventional, sequential-programming environment. A debugger prototype has been constructed that provides a display of interprocess interactions in Hermes. This paper des ...

10 A bibliography of parallel debuggers, 1993 edition

Cherri M. Pancake, Robert H. B. Netzer

December 1993 **ACM SIGPLAN Notices**, **Proceedings of the 1993 ACM/ONR workshop on Parallel and distributed debugging**, Volume 28 Issue 12

Full text available:  pdf(1.17 MB)

Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)

11 KDB: a multi-threaded debugger for multi-threaded applications

Peter A. Buhr, Martin Karsten, Jun Shih

January 1996 **Proceedings of the SIGMETRICS symposium on Parallel and distributed tools**

Full text available:  pdf(991.10 KB)

Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)

12 BACI debugger: a GUI debugger for the BACI system

David Strite, Linda Null

March 2002 **Journal of Computing Sciences in Colleges**, Volume 17 Issue 4

Full text available:  pdf(175.52 KB)


Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Due to the increasing importance of concurrent programming and distributed computing systems, possessing a good understanding of concurrency and its impact on process synchronization is essential. Since concurrency introduces design and execution issues not found in sequential programming, to learn about concurrency issues, it is important that students gain hands on experience actually doing concurrent programming. The best way to get this experience is by using a system developed specifically ...

13 Challenges in distributed systems: Operation jump start: a CORDS integration prototype using DCE

Gopi K. Attaluri, Dexter Bradshaw, Patrick J. Finnigant, Nigel Hinds, Michael Kalantar, Kelly A. Lyons, Andrew D. Marshall, Jan K. Pachl, Hong Tran

October 1993 **Proceedings of the 1993 conference of the Centre for Advanced Studies on Collaborative research: distributed computing - Volume 2**

Full text available:  pdf(1.26 MB)

Additional Information: [full citation](#), [abstract](#), [references](#)

CORDS is an ongoing project whose goal is to create a prototype environment for developing and managing distributed applications. This paper describes the *Jump Start Project*, in which mechanisms were added to the existing middleware layer of CORDS and OSF/DCE to assist in developing distributed applications, and the CORDS environment was used to develop distributed applications. The applications developed were an integrated office with a White Pages directory, a mail system, a personal calen ...

14 Development of a debugger for a concurrent language

F. Baiardi, N. De Francesco, E. Matteoli, S. Stefanini, G. Vaglini

March 1983 **Proceedings of the symposium on High-level debugging**, Volume 8 , 18 Issue 4 , 8

Full text available:  pdf(646.95 KB)

Additional Information: [full citation](#), [abstract](#), [references](#)

This work discusses some issues in the debugging of concurrent programs. A set of desirable characteristics of a debugger for concurrent languages is deduced from an examination of the differences between the debugging of concurrent programs and that of sequential ones. A debugger for a concurrent language, derived from CSP, is then presented. It is based upon a semantic model of the supported language. The debugger enables to compare a description of the program behaviour to the actual behaviou ...

15 The PDBG process-level debugger for parallel and distributed programs

Jo o Louren o, Jos  C. Cunha

August 1998 **Proceedings of the SIGMETRICS symposium on Parallel and distributed tools**

Full text available:  pdf(108.07 KB)

Additional Information: [full citation](#), [references](#), [index terms](#)

16 Monitoring distributed systems

Jeffrey Joyce, Greg Lomow, Konrad Slind, Brian Unger

March 1987 **ACM Transactions on Computer Systems (TOCS)**, Volume 5 Issue 2

Full text available:  pdf(2.37 MB)


Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#), [review](#)

The monitoring of distributed systems involves the collection, interpretation, and display of information concerning the interactions among concurrently executing processes. This information and its display can support the debugging, testing, performance evaluation, and dynamic documentation of distributed systems. General problems associated with monitoring are outlined in this paper, and the architecture of a general purpose, extensible, distributed monitoring system is presented. Three a ...

17 Testing distributed Ada programs

E. J. Dowling

January 1989 **Proceedings of the conference on Tri-Ada '89: Ada technology in context: application, development, and deployment**

Full text available:  pdf(1.11 MB)

Additional Information: [full citation](#), [references](#), [index terms](#)

18 Testing and debugging: Using Hy+ for network management and distributed debugging

Mariano P. Consens, Masum Z. Hasan, Alberto O. Mendelzon

October 1993 **Proceedings of the 1993 conference of the Centre for Advanced Studies on Collaborative research: software engineering - Volume 1**Full text available:  pdf(1.68 MB)Additional Information: [full citation](#), [abstract](#), [references](#)


A network manager managing a computer network or a programmer attempting to understand and debug a distributed program both must deal with large volumes of data. Visualization is widely believed to help in these and similar tasks. We contend that visualization is indeed useful, but only if accompanied of the following facilities: abstraction, filtering, and layout control. The Hy+ visualization system and GraphLog query language provide these facilities. They support not ...

19 An interactive debugger for a concurrent language

N. De Francesco, D. Latella, G. Vaglini

August 1985 **Proceedings of the 8th international conference on Software engineering**Full text available:  pdf(575.31 KB)Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

This work deals with issues of interactive debugging for the concurrent language ECSP. The debugger matches a formal specification of the expected behavior of a program against its actual behaviour. This specification can be given at different levels of abstraction. Control is returned to the user when an error is detected. The user can then modify the flow of the computation and/or dynamically change the specification of the expected behavior. The debugger implementation is based on progra ...

20 Summary of ACM/ONR workshop on parallel and distributed debuggingJanuary 1992 **ACM SIGOPS Operating Systems Review**, Volume 26 Issue 1Full text available:  pdf(1.31 MB)Additional Information: [full citation](#), [citations](#), [index terms](#)

Results 1 - 20 of 200

Result page: [1](#) [2](#) [3](#) [4](#) [5](#) [6](#) [7](#) [8](#) [9](#) [10](#) [next](#)

The ACM Portal is published by the Association for Computing Machinery. Copyright © 2005 ACM, Inc.

[Terms of Usage](#) [Privacy Policy](#) [Code of Ethics](#) [Contact Us](#)

Useful downloads:

[Adobe Acrobat](#)[QuickTime](#)[Windows Media Player](#)[Real Player](#)


[Home](#) | [Login](#) | [Logout](#) | [Access Information](#) | [Alerts](#) |

Welcome United States Patent and Trademark Office

[Search Results](#)
[BROWSE](#)
[SEARCH](#)
[IEEE XPLORE GUIDE](#)

Results for "(distributed debugger<in>metadata)"

Your search matched 11 of 1164322 documents.

A maximum of 100 results are displayed, 25 to a page, sorted by Relevance in Descending order.

» [View Session History](#)» [New Search](#)» [Key](#)

IEEE JNL IEEE Journal or Magazine

IEEE JNL IEEE Journal or Magazine

IEEE CNF IEEE Conference Proceeding

IEEE CNF IEEE Conference Proceeding

IEEE STD IEEE Standard

Modify Search

(distributed debugger<in>metadata)

☐ Check to search only within this results setDisplay Format: ☒ Citation ☐ Citation & Abstract

Select Article Information

- ☐ 1. **A Petri net-based distributed debugger**
Liu, A.-C.; Engberts, A.;
Computer Software and Applications Conference, 1990. COMPSAC 90. Proceedings, Annual International
31 Oct.-2 Nov. 1990 Page(s):639 - 646
[AbstractPlus](#) | Full Text: [PDF\(516 KB\)](#) IEEE CNF
- ☐ 2. **DDB: a distributed debugger based on replay**
Sienkiewicz, J.; Radhakrishnan, T.;
Algorithms and Architectures for Parallel Processing, 1996. ICAPP '96. 1996 IEEE Sec Conference on
11-13 June 1996 Page(s):487 - 494
[AbstractPlus](#) | Full Text: [PDF\(1192 KB\)](#) IEEE CNF
- ☐ 3. **Detection of weak unstable predicates in distributed programs**
Garg, V.K.; Waldecker, B.;
Parallel and Distributed Systems, IEEE Transactions on
Volume 5, Issue 3, March 1994 Page(s):299 - 307
[AbstractPlus](#) | Full Text: [PDF\(872 KB\)](#) IEEE JNL
- ☐ 4. **Breakpoints and halting in distributed programs**
Miller, B.P.; Choi, J.-D.;
Distributed Computing Systems, 1988., 8th International Conference on
13-17 June 1988 Page(s):316 - 323
[AbstractPlus](#) | Full Text: [PDF\(524 KB\)](#) IEEE CNF
- ☐ 5. **An integrated testing and debugging environment for parallel and distributed pro**
Lourenco, J.; Cunha, J.C.; Krawczyk, H.; Kuzora, P.; Neyman, M.; Wiszniewski, B.;
EUROMICRO 97. 'New Frontiers of Information Technology', Proceedings of the 23rd Conference
1-4 Sept. 1997 Page(s):291 - 298
[AbstractPlus](#) | Full Text: [PDF\(648 KB\)](#) IEEE CNF
- ☐ 6. **A parallel and distributed debugger implemented with Java**
Feng Wang; Qilong Zheng; Hong An; Guoliang Chen;
Technology of Object-Oriented Languages and Systems, 1999. TOOLS 31. Proceeding
22-25 Sept. 1999 Page(s):342 - 346

[AbstractPlus](#) | Full Text: [PDF](#)(232 KB) [IEEE CNF](#)

- ☐ 7. **A methodology and distributed tool for debugging dataflow programs**
Wahl, N.J.; Schach, S.R.;
Software Testing, Verification, and Analysis, 1988., Proceedings of the Second Workshop
19-21 July 1988 Page(s):98 - 105

[AbstractPlus](#) | Full Text: [PDF](#)(660 KB) [IEEE CNF](#)

- ☐ 8. **Distributed debugging and Tumult**
Scholten, J.; Jansen, P.G.;
Distributed Computing Systems, 1990. Proceedings., Second IEEE Workshop on Future
30 Sept.-2 Oct. 1990 Page(s):172 - 176

[AbstractPlus](#) | Full Text: [PDF](#)(396 KB) [IEEE CNF](#)

- ☐ 9. **Debugging dynamic distributed programs using global predicates**
Manabe, Y.; Aoyagi, S.;
Parallel and Distributed Processing, 1992. Proceedings of the Fourth IEEE Symposium
1-4 Dec. 1992 Page(s):402 - 407

[AbstractPlus](#) | Full Text: [PDF](#)(516 KB) [IEEE CNF](#)

- ☐ 10. **EREBUS: a debugger for asynchronous distributed computing systems**
Hurfin, M.; Plouzeau, N.; Raynal, M.;
Distributed Computing Systems, 1992., Proceedings of the Third Workshop on Future
14-16 April 1992 Page(s):93 - 98

[AbstractPlus](#) | Full Text: [PDF](#)(480 KB) [IEEE CNF](#)

- ☐ 11. **A method for testing and debugging distributed applications**
Otta, M.; Racek, S.;
EUROCON'2001, Trends in Communications, International Conference on.
Volume 2, 4-7 July 2001 Page(s):548 - 551 vol.2

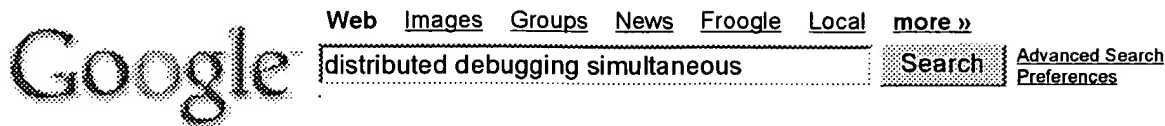
[AbstractPlus](#) | Full Text: [PDF](#)(328 KB) [IEEE CNF](#)

[View Selected Items](#)

indexed by
 Inspec

[Help](#) [Contact Us](#) [Privacy &](#)

© Copyright 2005 IEEE -

**Web**Results 1 - 10 of about 125,000 for distributed debugging simultaneous. (0.34 seconds)Load Testing... A few **distributed debugging** tools do exist for interpreted languages like ...**Simultaneous** access: examine all systems that are part of a **distributed** ...www.metricalab.com/DistribDebug.html - 6k - [Cached](#) - [Similar pages](#)Partner Press Releases... of its **Distributed Debugging** Tool (DDT) for the AMD Opteron™ processor. ...AMD64 technology will enable **simultaneous debugging** of 32- and 64-bit codes, ...

www.amd.com/us-en/Processors/ProductInformation/0,,30_118_8796_8933~69932,00.html - 46k - May 25, 2005 -

[Cached](#) - [Similar pages](#)IBM Virtual Innovation Center for Hardware: Education... article is intended to quickly get you started with the IBM **Distributed Debugger**.It starts by briefly explaining what the IBM **Distributed Debugger** is. ...www-1.ibm.com/servers/enable/education/p/recentindex2.html - 40k - [Cached](#) - [Similar pages](#)Streamline Computing... Home of the **Distributed Debugging** Tool DDT for parallel MPI programs. ...AMD64 technology will enable **simultaneous debugging** of 32- and 64-bit codes, ...www.streamline-computing.com/news_5.shtml - 26k - May 25, 2005 - [Cached](#) - [Similar pages](#)Streamline Computing... Home of the **Distributed Debugging** Tool DDT for parallel MPI programs. ...21-02-2003, **Simultaneous** support for Itanium-2, Opteron and Solaris 64 bit ...www.streamline-computing.com/news.shtml - 13k - May 25, 2005 - [Cached](#) - [Similar pages](#)[PDF] Breakpoints and Halting in Distributed ProgramsFile Format: PDF/Adobe Acrobat - [View as HTML](#)... This means that we must replace the concept of **simultaneous** ... 4 discussesthe application of these ideas to current research in **distributed debugging**. ...www.le-hacker.org/hacks/debugging/miller88breakpoints.pdf - [Similar pages](#)Debuggers... and functions as the back end **debugging** engine for Streamline's DDT (**Distributed****Debugging** Tool) which can support up to 1024 **simultaneous** processes and ...www.amd.com.cn/CHCN/processors/DevelopWithAMD/0,,30_2252_11395_11427,00.html - 42k - [Cached](#) - [Similar pages](#)[PDF] A Framework for Distributed Debugging

File Format: PDF/Adobe Acrobat

... In **distributed debugging**, difficulties, arise from the **simultaneous** use of

multi-ple processors, since each has its own time. reference. ...

doi.ieeecomputersociety.org/10.1109/52.43056 - [Similar pages](#)[PPT] Parallel and Distributed Simulation (PADS, DIS, and the HLA)File Format: Microsoft Powerpoint 97 - [View as HTML](#)Parallel and **Distributed** Simulation. Zero Lookahead, **Simultaneous** Events and ...Often a requirement. Simplifies **debugging**. **Simultaneous** Events ...www.cc.gatech.edu/classes/AY2000/cs4230_spring/LECTURES/4.05.00.ppt - [Similar pages](#)DEBUGGING see CVD**DEBUGGING** see CVD. DCE - **DISTRIBUTED COMPUTING ENVIRONMENT** – see also DFS, CDS... a "threads" service to process multiple **simultaneous** RPC requests, ...www.lanl.gov/asci/bluemtn/examples/encyclopedia/EncyclopediaD.html - 18k - [Cached](#) - [Similar pages](#)

Goooooooooooooogle ►